

SLUDGE KETTLE OPERATION

CHECK	ACTION STEPS (all caps)	COMMENTS (below steps)
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| _____ | 1. FILL KETTLE TO ABOUT 70 - 75% WITH SLUDGE FROM THE NORTH CLASSIFIER. | High alarm limit is 75%. |
| _____ | 2. COOK WITH STEAM FLOW AT 500 TO 800 LBS/HR. KETTLE PRESSURE, KEEP BELOW 5 PSIG. | |
| _____ | 3. SET DH SURGE DRUM LCV ON 50% AND AUTOMATIC AND LEAVE PUMP ON WITH RECIRCULATION. | |
| _____ | 4. COOK SLUDGE UNTIL LEVEL FALLS TO ABOUT 30% OR SO AND REFILL WITH FRESH FEED. | Cut steam off before filling kettle. |
| _____ | 5. SAMPLE PH OF KETTLE BOTTOMS TWICE/SHIFT. | Adjust cell liquor flow to keep pH between 6 and 9. |
| _____ | 6. IF CONTENTS WON'T COOK ANY FURTHER WITH 200 PSIG STEAM CHEST PRESSURE OR CONTENTS BECOME VERY THICK THEN DUMP CONTENTS TO SLUDGE BOX. | See S.O.P. on dumping kettle to sludge box. |
| _____ | 7. FILL WITH FRESH FEED FROM NORTH CLASSIFIER. | |
| _____ | 8. FLUSH THE SLUDGE KETTLE LEVEL TRANSMITTER ONCE/SHIFT TO KEEP IT FROM PLUGGING UP AND MALFUNCTIONING. | |

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Subject to Protective Order
of 14th Judicial District Court
No. 91-1145